

Appl. No. 10/065,767
Amdt. dated August 09, 2005
Reply to Office action of 06/15/2005

AMENDMENTS TO THE CLAIMS

DO NOT ENTER
JLW
8/11/05

1. (currently amended) A method for managing data of an optical disc, the optical disc having a plurality of areas, each area having a plurality of data blocks and a plurality of spare blocks arranged in order, each of the data blocks being used to record data, and each of the spare blocks being capable of replacing a corresponding defective data block to record data, the method comprising:

10 establishing a status table, wherein the status table comprises a plurality of columns arranged in order, and each of the columns is used to record a status of a corresponding spare block; and
recording the statuses of the spare blocks in the status table according to the arranging order of the spare blocks;
15 wherein, within the status table, a first column recording a status of a last spare block in a first area always neighbors a second column recording a status of a first spare block in a next area.

2. (currently amended) The method of claim 1 wherein when recording the statuses of a first spare block, of a second spare block, and of a third spare block ~~are respectively recorded in a first column, a second column, and a third column of the status table, respectively,~~ if the second column is located between the first column and the third column, the status of the first spare block is the same as the status of the third spare block, and there is not any data block located between the first spare block and the third spare block, ~~when recording the statuses of the spare blocks in the status table,~~
20 ~~if the status of the second spare block is changed, the~~ a changed status of the second spare block is recorded in one of the columns, ~~which is~~ being located between the first column and the third column.